

Solutions for key questions.

The versatile lock systems from BURG.



Lever cylinder locks



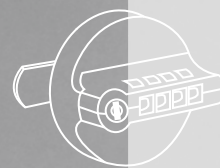
Handles



Combination locks



Central locks



Coin deposit locks



Push and Turn-slide cylinders



Three point bolts

Security with a system.

A product for every solution

BURG lock systems have been in use worldwide for decades. Right there, on the spot, where project-oriented solutions are needed, from inconspicuous display case locks to complex access control. Our answer to the increasing demands of the market and the expectations of our customers is a competent team of developers, a flexible distribution team and customer-oriented logistics concepts. Leaving nothing to be desired. At least not where we're involved.

Individual applications are actually better.

A shop premises is not a high security unit. We offer more than one assortment of standard cylinders, so that customers may examine the wares at close range, but cannot easily remove them: In a close cooperation with suppliers of display systems, we have developed appropriate locks. Small, but mighty. Plus, their quality corresponds exactly to the wares that they secure.

The world is a home to many cultures.

Global presence also means adapting products to the regional conditions and customs. This is why we pay very close attention to the specifications of our customers. That's why our locks in Japan have special salt-water protection, or in France FH-lever cylinder locks, which are made of combustion resistant plastic. But the reliability of all BURG products remains consistent.

We like just about everything, except boredom.

Sometimes we are jealous of our field workers, because their life is as diversified as the list of our application examples. There are an incredible number of applications that are equipped with lock systems. Hand-towel dispensers, and bicycle boxes, changing rooms, and tool containers, server cabinets and vending machines, garage doors and display cabinets... and we find the optimal product for all of these applications. Either we already have it in our range, or we will develop it from square one. It's that easy with BURG.

We are always open to good design.

What is good design? We see it as the perfect combination of functionality, ergonomics and feel. This task is prominent in every development, whether within our own business or with the support of renowned industry designers. If something not only feels good, but also looks good and is easy to operate, then we are satisfied, and so are our customers. Furthermore, something we are particularly happy about; we have often successfully convinced the iF Design Awards jury. We have even been recognised with a nomination for the Designer Prize of the Federal Republic of Germany.

Of course, we are committed to profitability.

Innovative concepts with high-quality materials and future-oriented technology are a wonderful thing. But profitability should not be forgotten, if you are to be successful in the market. We prove that this is not a contradiction, but that the combination of both is the correct path. Give us a try and ask us about our ideas for products, for which you must accept no compromises in their quality or price.

The “Burg process”.



Getting to know each other

At this point, you get to know us: as a versatile partner for product-specific solutions. As a creative collector of ideas for the individual requirements of our customers. And as competent experts who do not hastily give up on a project.



Advising

Is this OK, or is it better the other way? Working together with you, we develop solutions to expand product features, for value-added strategies and to achieve an increase in efficiency.



Supporting

We would like to be more than just your supplier. That's why we also look at available products and processes and define goals for product optimisation. Because you should also be able to benefit from our expertise.



Research and development

Those who already know a lot are always hungry to learn more: the creativity of our design engineers is at your disposal, so that your project is ergonomically optimised and pleasing to the touch, with good design through clear use of form; with the implementation of new materials for the best technical solution, and with approaches that go beyond pure mechanics, all with a clear goal: Innovation.

Production

Our production is definitely worth having a look at. Leading edge equipment, high manufacturing standards and a comprehensive quality assurance procedure ensure that your orders are completed reliably. And by the way, this doesn't only apply to locking systems! With our competence in zinc die-casting we are also at your disposal in other areas.



Mounting

What comes out of the machine is by no means finished. We also undertake the finishing process, for example, the final assembly of pre-assembled components. And the process is completely personalised and adapted to your projects.



Logistics

Low stock levels and yet no supply shortfalls? Here you can rely on us. Because just-in-time delivery, kanban system and supply chain management are not simply buzzwords to us; they are part of our daily routine.



After sales

Even after delivery, our job is not finished. Now is when our work really starts! Because by sharing experiences with you and by working together with you to consider how better to optimise the marketing and commercialisation, the term 'supply partner' takes on a much more complex meaning.



Customer satisfaction

The goal is achieved – and motivation for the next round? Because for us, at any rate, it is worth making all that effort when we receive positive reaction from our customers about our work.



Security gaps are closed here.

Cam locks

Security with key functions.

Sturdy, reliable, high-quality: a broad selection of Cam locks includes something appropriate for your application. Customer-specified, and depending on requirements, there are various bolt types available. We are looking forward to hearing your requirements.

Product examples



H2A208



H2A416



HDC.20V



H4E.20V



HEE.11



HEE.20F



Protects the privacy of letters:
Post box lock with guaranteed durability.



Tools are kept under lock and key:
secure safekeeping of valuable work equipment.



Hand towel dispenser with Cam lock in matt stainless steel design.

An overview of our lock systems can be found
on the internet at: www.burg.de

Cam locks

Product examples



Design lock

Innovative new design, stainless steel cap with dust protection.



Three point bolts

Additional security for any cabinet height, can be retrofitted for subsequent clipping.



Cabinet security with a refined design.

Sash lock

Unauthorised persons have no chance. A classic lock system for diverse applications.

Product examples



Security sash lock



Symmetrical sash lock



Machine sash lock
H-VRB-DB3



Machine sash lock
H-VRB-MS



Security is a done deal. Just as it should be.



Visually appealing and sturdy: BURG sash locks are generally also available in customer-specified design.

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Always a good catch.

Handle systems

For cabinets with flare.

Our handle locks are a good example of successful design. Their practical operation is something you will notice immediately. Thanks to its clear shape, the handle is easily moved and locked.

But they are also visually appealing. Our handle locks are available in various designs, and can be matched in their colour and form to fit into the entire scheme. In oval, round or with a square frame, in black or in silver, with a customer-specified logo, or without ...

The only difficulty is that you must make a selection. But we will be glad to be of assistance.

Product examples



Handle lock GSG 813F



Handle lock GSB 813



Handle lock GSE 813F



Handle lock GSD 813



Customer-specified handle solutions for metal cabinets.



Customer-specified handle solutions for metal cabinets.

An overview of our lock systems can be found on the internet at: www.burg.de

Security, not only for numbers people.

Combination locks

Security with personalised key numbers.

With our combination locks, you don't have to have a great memory. Instead of remembering a combination, you can use your own personalised four-digit combination. And if you even forget that? No problem. With the Master Key, you can still open the system. That is convenience that is worth it.

Product examples



Combination lock 206/207

No key, no problem: The perfect solution for changing rooms and many other opportunities.



Combination lock H-ZC 210

Pedestal lock-cylinder

At the centre of activity.

The big advantage to the little cylinder: Get a lot accomplished with one locking procedure. Even complex systems are easily integrated. And for special requirements, our developers are ready to create customer-specific variations.

Product examples



Pedestal lock C4E.20F

Installation depth 20 mm



Pedestal lock C4E432F

Installation depth 32 mm,
with 10 mm stroke distance



The Combination lock in matt nickel: security can look this elegant.

An overview of our lock systems can be found on the internet at: www.burg.de

Reliability for one Euro.

Trust is good, securing is better.

Coin deposit locks are good in many cases: at the theatre, in the supermarket or at the open-air bath. Anywhere, where personal items should be stored for a period of time. Durable and reliable, BURG locks ensure untroubled leisure activities. That security is worth an Euro.

Product example



Coin deposit lock elegance

Application examples:

Clothes cabinets, rented compartments, cabinets, lockers, steel cabinets



BURG coin deposit locks – suitable for Euro coins and all other currencies of the world.

Advantage is clear as glass.

Glass cabinet locks

Glass display cabinet locks are a matter of opinion.

In this instance, less is more. Glass display cabinet locks should be as inconspicuous as possible, but function reliably none the less. BURG glass cabinet locks are light and can be operated with one hand. Visually inconspicuous locking pins prevent glass doors from being slid. Wing-doors are secured with discreetly mounted lever cylinder locks.

Product examples



Push cylinder V911

ideal for securing sliding doors



Glass cabinet lock V917.201

Mounting without boreholes by using a counter plate.



Glass display case lock: Insight allowed, access denied.

An overview of our lock systems can be found on the internet at: www.burg.de

Linchpin for security.

Push and Turn-slide cylinders

Security with the turn of your hand.

Turn-slide and push cylinder locks for windows and terrace doors have two main objectives: They should prevent unauthorised entry and at the same time, serve as a child protection device.

That's why our products are subjected to very strict quality controls and strenuous continuous locking tests. The RAL norm for window handles is met by most of our systems.

Product examples



Turn-slide cylinder E5B226D
with key type D, in accordance
with RAL norm for window handles



Push cylinder D3A229
with key type F, in accordance with
RAL norm for window handles



Push cylinder D5G139
with key type D+L in accordance
with RAL norm for window handles. Plays a key role in child safety.
The Push and Turn-slide cylinder
in a window handle



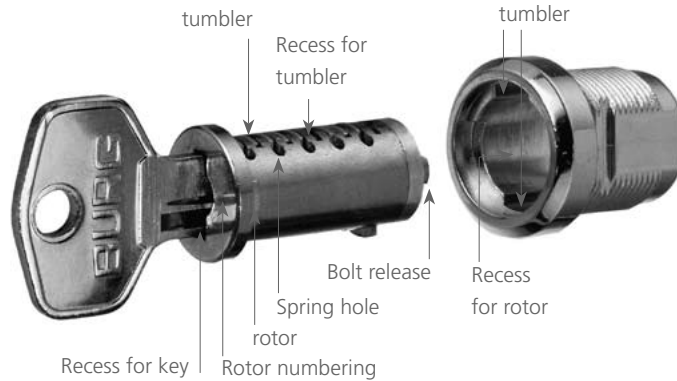
A key role in child safety: the rotation and pressure cylinder
in the window handle.

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on the internet at: www.burg.de

Would you like a tour of the castle?

Rotor

Also referred to as cylindrical core. It's mounted in the stator and can rotate. A bolt is attached at the end of the rotor, which is the actual mechanical block. Tumblers and springs in the inner rotor grab in the tumbler chambers of the stator, and the lock is closed.



stator

The stationary outer housing of the cylinder. The closing distance within the stator limits the rotor rotation to 90° or 180°.

Forced closure

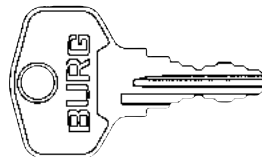
An additional securing, for which the key may only be removed in closed position.

Rotor numbering



The information pertaining to the lock code which is produced by the arrangement of the tumblers within the rotor (see lock systems).

Key



Its contour contains the notches which correspond with the tumblers in the rotor. Only matching keys are capable of ensuring that all tumblers line up straight with the rotor surface. The rotor can be moved in the stator and the lock can be opened.

Lock systems

This describes the number of possible lock variations, for which there can also be correspondingly diverse keys. They may be calculated by using a simple formula.

- X - number of differently dimensioned tumblers, which may be used
- Y - number of tumblers principally used in the lock
- X^Y - amount of theoretically possible locks

For example: if a 7 tumbler lock, in which 3 different tumblers are used, has 3⁷ = 2178 different locking systems.

Key coding list

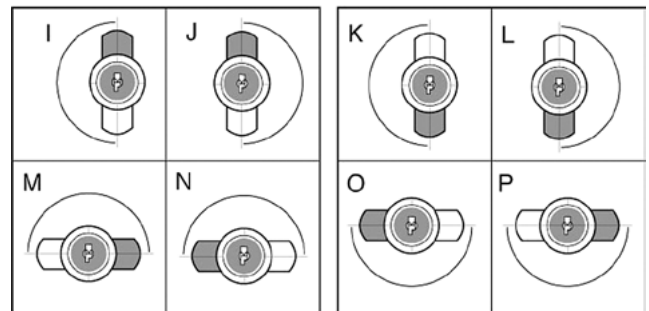
A table, in which all locks are compiled. Based on this lock plan, the location can be determined and documented of a series lock, and who has a key.

Code	Einschnitte	lfd. Nr.	Code	Einschnitte	lfd. Nr.	Code	Einschnitte	lfd. Nr.
0001	1111111	0000	1011	3122122	1010	***	***	***
0002	2111111	0001	1012	1222122	1011	2178	3323333	2178
0003	3111111	0002	1013	2222122	1012	2179	1133333	2179
0004	1211111	0003	1014	3222122	1013	2180	***	***
0005	2211111	0004						
0006		0005						
0007		0006						

Closing distances

The possible directions in which a rotor may be moved:

180°



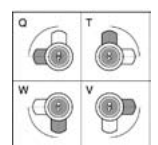
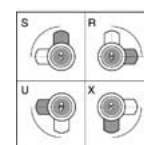
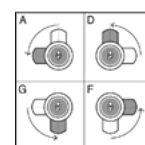
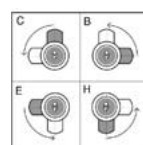
key is removable in open and locked position

90° - SA - L

90° - SA - R

90° - SZ - L

90° - SZ - R



key is removable in open and locked position

key is only removable in locked position

= locked

= unlocked

What can we do for you?

Professionals in locking systems meet up at BURG. Not only do we offer design and manufacturing, but also consultation. Get in contact with us during the planning phase of your project, to determine if you need a customer-specified product or an individual design. Together we will find the optimal solution.



product
design
award

2007 ■



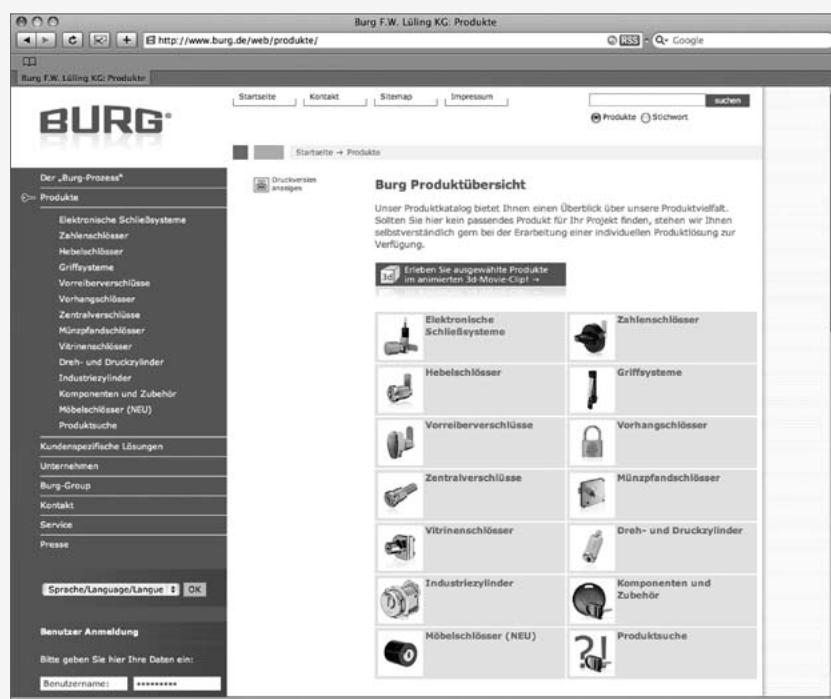
DESIGNPREIS
2007



The complete BURG range, technical information and examples of customer-specific solutions can be found at www.burg.de

Products

- Electronic controls
- Combination locks
- Cam locks
- Handle systems
- Sash locks
- Padlocks
- Central locks
- Coin deposit locks
- Glass door locks
- Push and Turn-slide cylinders
- Industrial cylinders
- Components and accessories
- Cabinet locks



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